AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

1. (Canceled)

2. (Currently Amended) The method of claim ~~1, further comprising~~ 10, wherein a SIM application toolkit (SAT) application is set up in the SIM in the mobile station, ~~wherein~~ and the SAT application carries out additional end-to-end encryption of the key transmitted between the mobile station and the security device.

3. (Previously Presented) The method of claim 2, wherein before using the SAT application, the subscriber is identified to the SIM by entering a personal identification number (PIN).

4. (Currently Amended) The method of claim [[1]] 9, wherein the transmitted key is stored in a protected memory area in the SIM.

5. (Currently Amended) The method of claim [[1]] 9, wherein the key is transmitted via a traffic channel in the mobile radio network.

6. (Currently Amended) The method of claim [[1]] 9, wherein the key is transmitted in the form of a short message (SM) via a signaling channel in the mobile radio network.

7. (Currently Amended) The method of claim [[1]] 9, wherein when the key is requested, the subscriber's authorization is checked by evaluating a mobile subscriber telephone number (MSISDN) for the subscriber.

8. (Currently Amended) The method of claim [[1]] 9, wherein the security device sends the key which is transmitted to the subscriber to one or more added value service nodes.

9. (Previously Presented) A method for distributing keys to subscribers in digital mobile radio networks, comprising the steps of:

generating the keys in a security device provided at the mobile radio network end;

requesting at least one key from the security device;

transmitting the at least one key via the mobile radio network to a mobile station or a terminal of a subscriber based on the request; and

setting up a SIM application toolkit (SAT) application in the SIM in the mobile station, wherein the SAT application carries out additional end-to-end encryption of the key transmitted between the mobile station and the security device, wherein

the generated keys are stored in the security device prior to transmission;

the requesting step is performed by the subscriber;

the transmitted key is allocated to the subscriber; and

the transmitted key is stored in the terminal and/or in a subscriber identity module (SIM) in the mobile station.

10. (Previously Presented) A method for distributing keys to subscribers in digital mobile radio networks, comprising the steps of:

generating the keys in a security device provided at the mobile radio network end;

storing the generated keys in the security device prior to

transmission

requesting, by the subscriber, at least one key from the security device; and

transmitting the at least one key via the mobile radio network to a mobile station or a terminal of a subscriber based on the request, wherein

the transmitted key is allocated to the subscriber;

the transmitted key is stored in the terminal and/or in a subscriber identity module (SIM) in the mobile station; and

the security device sends the key which is transmitted to the subscriber to one or more added value service nodes.

11. (New) The method of claim 10, wherein the transmitted key is stored in a protected memory area in the SIM.

12. (New) The method of claim 10, wherein the key is transmitted in the form of a short message (SM) via a signaling channel in the mobile radio network.

13. (New) The method of claim 10, wherein when the key is requested, the subscriber's authorization is checked by evaluating a mobile subscriber telephone number (MSISDN) for the

subscriber.

14. (New) The method of claim 10, wherein the key is transmitted via a traffic channel in the mobile radio network.